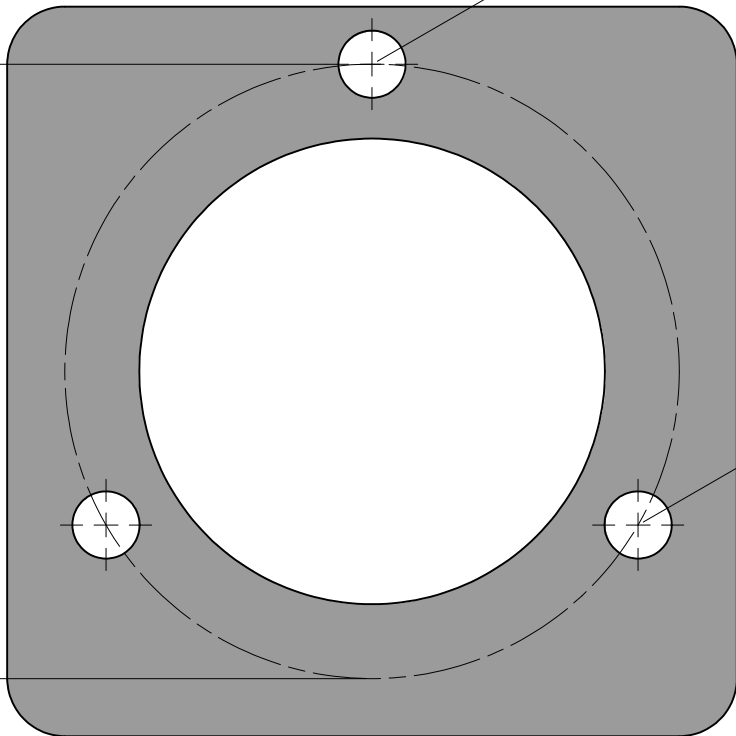


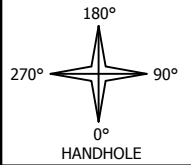
**3 BOLT CIRCLE
CALCULATIONS:**

**BOLT CIRCLE =
BOLT TRIANGLE X 1.154**



BOLT
TRIANGLE

BOLT
CIRCLE



DRAWN: S. HARVALA	8/25/2015
CHECKED	
REVISION:	DATE:
APPROVED:	
QUOTE:	
S.O.#	
REF:	SCALE: NONE



23171 Groesbeck Hwy.
Warren, MI 48089
P: (586) 774-6105 | F: (586) 774-5706
www.generalstructuresinc.com

SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREVENTING OR REDUCING THESE VIBRATIONS. GENERAL STRUCTURES INC. ENGINEERS AND ARCHITECTS CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.	
TITLE:	
CATALOG:	
DWG NO:	SIZE: C
SHEET 1 OF 1	